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TITLE: Plant operation support apparatus and method using expert systems

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INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Koyama; Kenji	Hyogo	N/A	N/A	JP
Uchihara; Shoichi	Hyogo	N/A	N/A	JP

US-CL-CURRENT: 700/79; 706/912

ABSTRACT: Disclosed herein is a plant operation supporting method whereby a body of simulation data simulating the data admitted from a plant in error state is used along with a previously prepared body of knowledge to simulate various modes of plant operation and to have appropriate operation guides displayed for verification of the knowledge.

3 Claims, 15 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 14

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Brief Summary Text - BSTX: According to an even further aspect of the present invention, there is provided a plant operation supporting method comprising a buffer and two means, the buffer storing the location of the error detected or the name of the faulty component inferred during investigation of the probable cause of the error, one of the means being constructed to compare the name of the error location or of the faulty component found this time with the previously detected name thereof, the other means being designed to suppress investigation of the probable cause of the error if the name of the currently detected error location or faulty component is the same as the previous one.